

# LONDON- WEST MIDLANDS ENVIRONMENTAL STATEMENT

## Volume 5 | Technical Appendices

CFA14 | Newton Purcell to Brackley

**Impact assessment tables (CH-003-014)**

Cultural heritage

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Department  
for Transport

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# 1 Introduction

## 1.1 Structure of the cultural heritage appendices

1.1.1 The cultural heritage appendices for the Newton Purcell to Brackley community forum area (CFA14) comprise:

- baseline reports (Volume 5: Appendix CH-001-014);
- a gazetteer of heritage assets (Volume 5: Appendix CH-002-014);
- an impact assessment (This Appendix);
- survey reports (Volume 5: Appendix CH-004-014); and

1.1.2 Maps referred to throughout the cultural heritage appendices are contained in the Volume 5, Cultural Heritage Map Book.

## 1.2 Impact assessment

1.2.1 Table 1 presents information on the impacts on all identified heritage assets and the likely resultant environmental effects, taking into account agreed mitigation measures. Details on the assignment of values and the assessment of the scale of impacts are set out in the Scope and Methodology Report (Volume 5: Appendix CT-001-000/1) and the Scope and Methodology Report Addendum (Volume 5: Appendix CT-001-000/2).



Table 1: Impact assessment for CFA 14

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBoo1	Hedgerow to the east of Newton Purcell	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will remove part of an element of the Newton Purcell enclosure landscape (NPBo94).	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo2	Parish and county boundary (Newton Purcell with Shelswell/Barton Hartshorn and Buckinghamshire/Oxfordshire)	None	Not significant	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo3	Great Central Railway	None	Low	Removal of buried remains associated with the Great Central Railway within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo4	Bridges and former Great Central Railway Station at Newton Purcell	None	Low	Demolition of Station House and the removal of remains of the disused railway, including demolished station, sidings, bridges over road and underground station approach and stores within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of this asset.	High adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo5	Barleyfields	None	Low	Construction of the Barton to Mixbury cutting will be intermittently visible from the farmstead over a period of approximately one year but within a viewshed and setting that already incorporates a railway line and bridges that would once have been both visible and audible. The A4412 will also be moved away from the farmstead.  Overall there will be a slight improvement in the setting of the asset due to the removal of traffic passing immediately adjacent by movement of the alignment of the A4412.	Temporary medium adverse  Permanent Low beneficial	Temporary minor adverse  Permanent Minor beneficial	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo6	Alchester to Towcester Roman road	None	Low	Removal of potential archaeological remains within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBoo7	Moated site at Newton Purcell	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value.	No change	Neutral
NPBoo8	Newton Purcell	Eight Grade II listed buildings	Moderate	Construction of the Barton to Mixbury cutting and re-alignment of the A4412 will be intermittently visible from the settlement for a period of approximately one year but within a viewshed and setting that already incorporates a railway line and bridges.  The post enclosure landscape (GLBo94) which forms part of the setting of the village will be removed/altered by landscaping.  Together these changes will have no appreciable impact on the ability to understand or appreciate this asset in its historical context and setting.	Temporary minimal adverse  Permanent no change	Temporary minor adverse  Permanent neutral	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPB009	Barleyfields Barn Farm	None	Low	Construction of the Barton to Mixbury cutting will be intermittently visible from the farmstead over a period of approximately a year but within a viewshed and setting that already incorporates a railway line.  Part of the post enclosure landscape (NPB094) which forms part of the setting of the Farm will also be removed/ altered by landscaping.  Together these changes will slightly impact the ability to understand or appreciate this asset in its historical context and setting.	Temporary medium adverse  Permanent low adverse	Temporary minor adverse  Permanent negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB010	Newton Morrell	Two Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value	No change	Neutral
NPB011	Finmere	Eleven Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value	No change	Neutral
NPB012	Home Farmhouse, Shelswell	One Grade II listed building	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value	No change	Neutral
NPB013	Spillsmere Wood	Ancient woodland	High	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB014	Possible enclosure near Barleyfields	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB015	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPB016	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPB017	Middle Farm	Two Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
NPB018	Widmore Farm	One Grade II listed building	Moderate	Construction of the Barton to Mixbury cutting immediately adjacent to this asset and will be clearly visible from the asset over a period of approximately a year. New planting will be established between the farm and the Proposed Scheme.  No key views from the asset will be interrupted but changes will be noticeable and change our ability to understand and appreciate the asset within its historical context and setting.	Temporary medium adverse  Permanent low adverse	Temporary moderate adverse  Permanent minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB019	Finmere Quarry	None	Moderate	Removal of buried archaeological remains to the west of the line of the Great Central Railway will totally alter the value of this asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB020	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPB021	Warren Farm	None	Low	Construction of the Barton to Mixbury cutting will be intermittently visible from the farmstead over a period of approximately a year but within a viewshed and setting that already incorporates a railway line.	Temporary low adverse	Temporary minor adverse  Permanent	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				Together these changes will slightly impact the ability to understand or appreciate this asset in its historical context and setting.	Permanent no change	neutral			
NPB022	Mixbury Lodge Farm	One Grade II listed building	Moderate	<p>Construction of the Barton to Mixbury cutting will be intermittently visible from the farmstead over a period of approximately a year but not within any key view and in a setting that already incorporates a railway line that would once have been both visible and audible.</p> <p>Together these changes will slightly impact the ability to understand or appreciate this asset in its historical context and setting.</p>	<p>Temporary low adverse</p> <p>Permanent no change</p>	<p>Temporary minor adverse</p> <p>Permanent neutral</p>	The construction effect remains and there will be no further impact.	No change	Neutral
NPB023	Field system north-west of Finmere	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB024	Mixbury	<p>Conservation area</p> <p>One Grade II* listed building</p> <p>Four Grade II listed buildings</p>	High	<p>Construction of the Barton to Mixbury cutting and the Mixbury cutting will be intermittently visible over a period of approximately two years from parts of the periphery of the settlement. This will not interrupt any key views. This will have no appreciable impact on ability to understand and appreciate this asset within its historic landscape context.</p> <p>The Proposed Scheme will be primarily be within cutting within a landscape on the opposite side of a former railway line. This will not affect the ability to understand and appreciate the asset within its historical landscape context.</p>	<p>Temporary minimal adverse</p> <p>Permanent no change</p>	<p>Temporary minor adverse</p> <p>Permanent no change</p>	The construction effect remains and there will be no further impact.	No change	Neutral
NPB025	Beaumont Castle	Scheduled monument	High	<p>Construction of the Barton to Mixbury cutting and the Mixbury cutting will be intermittently visible over a period of approximately two years from parts of the periphery of the monument (which has no public access) This will not interrupt any key views or change aspects of any landscape that can be associated with it. There will be no appreciable impact on ability to understand and appreciate this asset within its historic landscape context.</p> <p>The Proposed Scheme will be primarily be within cutting within a landscape on the opposite side of a former railway line. This will not affect the ability to understand and appreciate the asset within its historical landscape context.</p>	<p>Temporary minimal adverse</p> <p>Permanent no change</p>	<p>Temporary minor adverse</p> <p>Permanent neutral</p>	The construction effect remains and there will be no further impact.	No change	Neutral
NPB026	Glebe Farm	None	Low	<p>Construction of the Barton to Mixbury cutting will be intermittently visible over a period of approximately a year from the farm. This will not interrupt any key views. This will have no appreciable impact on ability to understand and appreciate this asset within its historic landscape context.</p> <p>The Proposed Scheme will be primarily be within cutting within a landscape on the opposite side of a former railway line. This will not affect the ability to understand and appreciate the asset within its historical landscape context.</p>	<p>Temporary minimal adverse</p> <p>Permanent no change</p>	<p>Temporary negligible adverse</p> <p>Permanent neutral</p>	The construction effect remains and there will be no further impact.	No change	Neutral
NPB027	Hollow Barn	None	Low	Construction of the Barton to Mixbury cutting and the Mixbury cutting and Mixbury embankment will be intermittently visible over a period of approximately two years. No key views will be affected.	Temporary minimal adverse	Temporary negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				<p>These changes have no appreciable impact on our ability to understand and appreciate this asset in its historical context and setting.</p> <p>The Proposed Scheme will be primarily be within cutting. This will not affect the ability to understand and appreciate the asset within its historical landscape context.</p>	Permanent no change	Permanent no change			
NPBo28	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPBo29	Fulwell	None	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
NPBo30	London and North Western Railway (LNWR)	None	Low	Removal of buried remains associated with the LNWR within the land required, temporarily or permanently, for construction of the Proposed Scheme This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo31	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPBo32	Hedgerow to the south of Finmere	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will remove part of an element of the Newton Purcell enclosure landscape (NPBo94).	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo33	Parish boundary (Newton Purcell with Shelswell and Finmere)	None	Not significant	Removal of a portion of a parish boundary within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo34	Parish boundary (Newton Purcell with Shellswell and Mixbury)	None	Not significant	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo35	Parish boundary (Mixbury with Finmere)	None	Not significant	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo36	Hedgerow to the north-west of Finmere	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo37	Parish boundary (Finmere with Westbury)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo38	Parish boundary (Mixbury with Westbury)	None	Not significant	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	No impact on value	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBo39	Parish boundary (Mixbury with Evenley	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo40	Parish boundary (Evenley with Turweston)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo41	Parish boundary (Turweston with Westbury)	None	Not significant	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	No impact on value	No change	Neutral
NPBo42	Westbury	Conservation area  One Grade II* listed building  Nine Grade II listed buildings	High	Westbury will be intermittently subject to changes to its setting derived principally from changes to its soundscape as it partly falls within an area of significant construction period. These changes will be linked to construction of the Westbury Embankment and Westbury Viaduct over a period of approximately 18 months.  Removal of a section of the ridge and furrow (NPBo44) to the west of Westbury will remove a portion of the historic landscape context of the village. The changes will slightly affect our ability to understand and appreciate the asset in its historical context and setting.	Temporary Low adverse  Permanent no change	Temporary Moderate adverse  Permanent neutral	The construction effect remains and there will be no further impact..	No change	Neutral
NPBo43	Earthworks east of Westbury	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo44	Ridge and furrow west of Westbury	None	Low	Removal of approximately 10% of this area of ridge and furrow within the land required, temporarily or permanently, for construction of the Proposed Scheme will slightly affect the value of the asset.	Low adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo45	Grovehill Barn	None	Low	Construction of the Grovehill embankment and Turweston cutting over a period of approximately 18 months will intermittently change (primarily through changes in soundscape) the setting of this asset to an extent that slightly affects the value of the asset.  The Proposed Scheme will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	Temporary low adverse  Permanent no change	Temporary minor adverse  Permanent neutral	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo46	Grovehill Farm	None	Low	Construction of the Grovehill embankment and Turweston cutting over a period of approximately 18 months will intermittently change (primarily through changes in soundscape) the setting of this asset to an extent that slightly affects the value of the asset.  Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	Temporary low adverse  Permanent no change	Temporary minor adverse  Permanent neutral	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo47	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used	Number not used
NPBo48	Grove Farm	None	Low	Construction of the Grovehill embankment and Turweston cutting over a period of approximately 18 months will intermittently change (primarily through changes in soundscape) the setting of this asset to an extent that slightly affects the value of the asset.  The Proposed Scheme will not affect the fabric, setting or	Temporary low adverse  Permanent	Temporary minor adverse  Permanent	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				appreciation of the asset to a degree that detracts from its value.	no change	neutral			
NBP049	Windmill near Oatleys Farm	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB050	Windmill south-west of Turweston	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB051	Cropmarks south of Turweston	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB052	Oatleys Farm	None	Low	Construction of the Turweston cutting over a period of approximately nine months will intermittently change (primarily through changes in soundscape) the setting of this asset to an extent that slightly affects the value of the asset.  The Proposed Scheme will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	Temporary low adverse  Permanent no change	Temporary minor adverse  Permanent neutral	The construction effect remains and there will be no further impact.	No change	Neutral
NPB053	Ridge and furrow north of Grove Farm	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value.	No change	Neutral
NPB054	Turweston Airfield	None	Moderate	Outlying features associated with the airfield may extend into the land required, temporarily or permanently, for construction of the Proposed Scheme and be removed.  Removal of any such peripheral features will have little impact on the value of the asset.	Minimal adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB055	Parish boundary (Turweston with Biddlesden)	None	Not significant	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB056	Brackley Old Town	Conservation area  One Grade I listed building  Three Grade II listed buildings	High	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
NPB057	Brackley New Town	Scheduled monument  Conservation area  Two Grade II* listed buildings  67 Grade II listed buildings	High	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBo58	Turweston	Conservation area  Two Grade II* listed buildings  19 Grade II listed buildings	High	Construction of the Turweston cutting, Turweston embankment and Turweston viaduct will be intermittently visible and audible over a period of approximately three years from the periphery of the settlement. This will particularly be the case to the north where construction of the Turweston Viaduct will lie within and disrupt a key view along the River Great Ouse towards Turweston that is identified in the Turweston conservation area appraisal. These changes will take place over a period of approximately 18 months. This will noticeably change our ability to understand and appreciate this settlement in its historical landscape context and setting.  The historic landscape character to the north of Turweston will be changed by the insertion of the Proposed Scheme and addition of a viaduct across the valley of the River Great Ouse. Thus viaduct will interrupt a key view along the valley of the River Great Ouse towards Turweston indicated by the Turweston conservation area appraisal. This will noticeably change our ability to understand and appreciate this settlement in its historical context and setting.	Temporary medium adverse          Permanent medium adverse	Temporary major adverse          Permanent major adverse	Turweston will experience changes to its local soundscape from passing trains. This will constitute a medium adverse impact resulting in a moderate adverse effect. In combination with the permanent construction impacts of the Proposed Scheme this will result in a high adverse effect resulting in a major adverse effect.	Operational medium adverse  Combined high adverse	Operational major adverse  Combined major adverse
NPBo59	Turweston Old Rectory	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo60	Ridge and furrow at Turweston Glebe	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo61	Ridge and furrow at Turweston Glebe	None	Low	Removal of approximately 75% of this area of ridge and furrow within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of the asset.	High adverse	Moderate adverse	The construction effect remains and there will be no further impact	No change	Neutral
NPBo62	Ridge and furrow north of Turweston	None	Low	Removal of approximately 75% of this area of ridge and furrow within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of the asset.	High adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo63	Water management system in the valley floor of the River Great Ouse to the east of Versions Farm	None	Moderate	Removal of buried archaeological and palaeoenvironmental deposits within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of any such remains.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo64	Hedgerow to the north of Turweston	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo65	Parish and county boundary (Turweston with Whitfield and Buckinghamshire with Northamptonshire)	None	Low	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBo66	Water management system in the valley floor of the River Great Ouse to the north of Versions Farm	None	Moderate	Removal of buried archaeological and palaeoenvironmental deposits within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of any such remains.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo67	Turweston Park	None	Low	The setting of this asset is internalised within its shelter-belt and in its association with Turweston House. There will be intermittent changes to the local soundscape during construction of the Turweston viaduct over a period of approximately 16 months that will slightly affect our ability to understand and appreciate this asset within its historical context and setting.	Low adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo68	Cropmarks south of Versions Farm	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo69	Versions Farm	None	Low	Construction of the Turweston viaduct and Helmdon embankment will be intermittently visible from the asset over a period of approximately 19 months. The setting of this asset will be changed (primarily through changes in soundscape and severance of associated agricultural landscape to the north-east of the farmstead) to a degree where its effect on value is noticeable.	Moderate adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo70	Illets Farm	None	Low	Buildings at Illets Farm will be demolished within the land required, temporarily or permanently, for construction of the Proposed Scheme.	High adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo71	Whitfield	Five Grade II listed buildings	Moderate	Construction will not affect the fabric, setting or appreciation of the asset to a degree that detracts from its value.	No change	Neutral	No impact on value.	No change	Neutral
NPBo72	Cemetery evidence from Brackley Bypass	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NBPo73	Romano-British activity near Sundale	None	Moderate	Removal of buried archaeology within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of this asset.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo74	Old Town Field Brackley	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo75	Great Central Railway	None	Low	Removal of buried remains associated with the LNWR within the land required, temporarily or permanently, for construction of the Proposed Scheme will hardly affect the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact	No change	Neutral
NPBo76	Cropmarks north of Brackley Fields	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo77	Cropmarks east of Fox Covert	None	Moderate	Approximately 5% of this buried archaeological asset will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will hardly affect the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBo78	Parish boundary (Whitfield with Radstone)	None	Low	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo79	Parish boundary (Whitfield with Brackley)	None	Low	Removal of a portion of a parish boundary the land required, temporarily or permanently, for construction of the Proposed Scheme. This will be a permanent change that will have no appreciable impact on the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo80	Parish boundary (Brackley with Radstone)	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo81	Hedgerow to the south-east of Foxhill Spinney	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo82	Hedgerow to the north-west of Illets Farm	Historically important hedgerow	Moderate	A section of hedgerow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	Medium adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo83	Brackley Fields	None	Moderate	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo84	Hill Farm	None	Low	Construction of the Brackley north cutting will lie adjacent to this asset over a period of approximately 11 months. The asset's setting will be intermittently changed (primarily through changes in soundscape and severance of associated agricultural landscape between Hill Farm and Radstone) to a degree where its impact on value is noticeable.	Medium adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo85	Cropmarks north of Fox Covert	None	Moderate	Buried archaeological remains peripheral to this asset will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.  This will slightly affect the value of the asset.	Low adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo86	Coldharbour Farm	None	Low	The Proposed Scheme lies just over 400m away from the asset. Setting will be changed (primarily through changes in soundscape) to an extent that slightly affects the value of the asset.	Minimal adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo87	Lower Radstone	None	Moderate	The historic landscape association with Upper Radstone will be intermittently changed during construction of the Brackley north cutting over a period of approximately 11 months. Construction activities will back frame the view across the isolated agricultural landscape separating the two Radstones. This will slightly affect the ability to understand and appreciate this asset in its historical landscape context and setting.  The Proposed Scheme will be within the Radstone cutting. This will have no effect on the ability to understand and appreciate this asset within its historic landscape context.	Temporary low adverse  Permanent no change	Temporary minor adverse  Permanent neutral	The construction effect remains and there will be no further impact.	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
NPBo88	Enclosures east of Upper Radstone	None	Moderate	Buried archaeological remains peripheral to this asset will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.  This will slightly affect the value of the asset.	Low adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo89	Upper Radstone	One Grade I listed building	High	Upper Radstone lies adjacent to the land required, temporarily or permanently, for construction of the Proposed Scheme. Buried archaeology associated with the shrunken medieval settlement at Radstone will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. Construction of the Brackley north cutting and Radstone Road overbridge will be visible and audible adjacent to the settlement for a period of approximately two years.  The historic landscape character immediately to the south and west of the settlement (NPBo97) will be comprehensively changed by insertion of the Brackley north cutting. The land required for the construction of the Proposed Scheme will serve to sever Radstone from the agricultural hinterland to its west, which contributes to the setting of the asset.	Temporary high adverse  Permanent high adverse	Temporary major adverse  Permanent major adverse	Upper Radstone will experience changes to its local soundscape from passing trains. This will constitute a medium adverse impact resulting in a high adverse effect. In combination with the permanent construction impacts of the Proposed Scheme this will result in a high adverse effect resulting in a major adverse effect.	Operational medium adverse  Combined high adverse	Operational major adverse  Combined major adverse
NPBo90	Cropmarks north-west of Radstone	None	Moderate	Buried archaeological remains of this asset will be totally removed within the land required, temporarily or permanently, for construction of the Proposed Scheme.	High adverse	Major adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo91	Cropmarks north of Radstone	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo92	Ridge and furrow to the north of Newton Purcell	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPBo93	Ridge and furrow around Barleyfields Barn Farm	None	Low	Approximately five% of this asset will be removed during establishment of landscaping. This will have a slight impact the value of this asset.	Low adverse	Minor adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo94	Newton Purcell enclosure landscape	None	Low	Construction of the Barton to Mixbury cutting and re-alignment of the A4412 will be intermittently visible within the northern corner of this historic landscape component over a period of approximately two years. Establishment of landscaping will remove short sections of two historically important hedgerows (NPBo01 and NPBo32) and small sections of ridge and furrow (NPBo92 and NPBo93). This will have a slight impact on the ability to understand and appreciate this historical landscape.  The Proposed Scheme follows the line of the Great Central Railway a former railway line and will be in cutting and screened. The permanent changes to the historic landscape will not appreciably impact on the ability to understand and appreciate this asset.	Temporary low adverse  Permanent minimal adverse	Temporary minor adverse  Permanent negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPBo95	Ridge and furrow to the south of Upper Radstone	None	High	Approximately 70% of this asset will be removed during construction of the Brackley north cutting. This will also remove a critical element of the Upper Radstone landscape. This will comprehensively change the ability to understand and appreciate this asset within its historical landscape context and contribute to the value loss of Upper Radstone (NPBo89) and its associated	High adverse	Major adverse	The construction effect remains and there will be no further impact	No change	Neutral

Unique ID	Name	Designation(s)	Value	Construction impacts			Operation impacts		
				Nature of impact including mitigation	Scale of impact	Effect	Nature of impact including mitigation	Scale of impact	Effect
				landscape (NPB097).					
NPB096	Ridge and furrow to the north-west of Upper Radstone	None	High	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB097	Upper Radstone landscape	None	High	<p>The majority of the elements that contribute to this historic landscape component will be removed during construction of the Brackley North Cutting and associated landscaping over a period of approximately two years. Construction activities will also take place within over 50% of this landscape component and effectively sever it from any association with the agricultural landscape to the west.</p> <p>This landscape component will effectively be removed as a coherent and legible historical landscape and will largely cease to be a value contributing part of the setting of Upper Radstone (NPB089).</p>	<p>Temporary high adverse</p> <p>Permanent high adverse</p>	<p>Temporary major adverse</p> <p>Permanent major adverse</p>	The construction effect remains and there will be no further impact.	No change	Neutral
NPB098	Ridge and furrow to east of Grovehill Farm	None	Low	Approximately 10% of this ridge and furrow will be removed within the land required, temporarily or permanently, for construction of the Proposed Scheme. This will slightly affect the ability to understand and appreciate this asset.	Low adverse	Negligible adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB099	Ridge and furrow around Bellabeg	None	Low	Removal of approximately 75% of this area of ridge and furrow within the land required, temporarily or permanently, for construction of the Proposed Scheme will totally alter the value of the asset.	High adverse	Moderate adverse	The construction effect remains and there will be no further impact.	No change	Neutral
NPB100	Probable lynchets east of A43	None	Low	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral
NPB101	Whistley Wood	Ancient woodland	High	The asset lies outside of the land required, temporarily or permanently, for construction of the Proposed Scheme and will not be affected.	No change	Neutral	No impact on value	No change	Neutral